



## FLIGHT REPORT

NORTH DAKOTA ATMOSPHERIC RESOURCE BOARD

SFN 50864(12/2014)

ENGINES OFF 03:21:39	HOURS 0.69		PAGE # 1	OF 1
ENGINES ON 02:40:01	DRY ICE RATE 0	1 GEN 0.00	2 GEN 0.00	
TOTAL TIME 00:41:38	DRY ICE (lbs) 0.00	EJCTBL (grams) 0	BIP (grams) 0	

DATE June 28, 2017		DISTRICT 1	SEED # 2	PILOT Steffany Royal				COPILOT Dakotah Osborn				PURPOSE C	REMARKS <small>R - Rain H - Hail O - Other M - Maintenance C - Reconnaissance</small>
Time (HH:MM)	EVENT #	LATITUDE (deg)	LONGITUDE (deg)	CLD BASE (kft)	ALTITUDE (KFT)	UPDRAFT (FT/MIN)	TEMP (°C)	PRECIP CODE**	DRY ICE (sec)	FLARES		WINTIP GEN (#)	
02:40:34		46.17033	-103.3041		2.9					0	0	0	Engines on in Bowman.
02:50:35		46.27919	-103.3587		6.9					0	0	0	
03:00:37		46.34174	-103.3611		7.9					0	0	0	
03:02:47		46.38830	-103.4211	9	8.3	0	7	3		0	0	0	
03:12:49		46.07360	-103.2377		4.6					0	0	0	
03:21:40		46.17113	-103.3038		2.9					0	0	0	Engines off in Bowman.

### \*\*PRECIPITATION INTENSITY

- 0 - No Precipitation
- 1 - virga only, precip not to ground
- 2 - rain shaft to surface, light
- 3 - rain shaft well established, but can be seen through
- 4 - heavy rain shaft, cannot be seen through

### MISSION SUMMARY

Launched to recon cells developing in the North Western portion of D1. The cells failed to strengthen into a hail threat, and there was no daylight left for rain enhancement operations to be conducted. RTB Bowman.